

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
 Data File : VX037174.D
 Acq On : 23 Aug 2023 11:26
 Operator : JC/MD
 Sample : VX0823WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 24 05:28:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 18 09:30:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

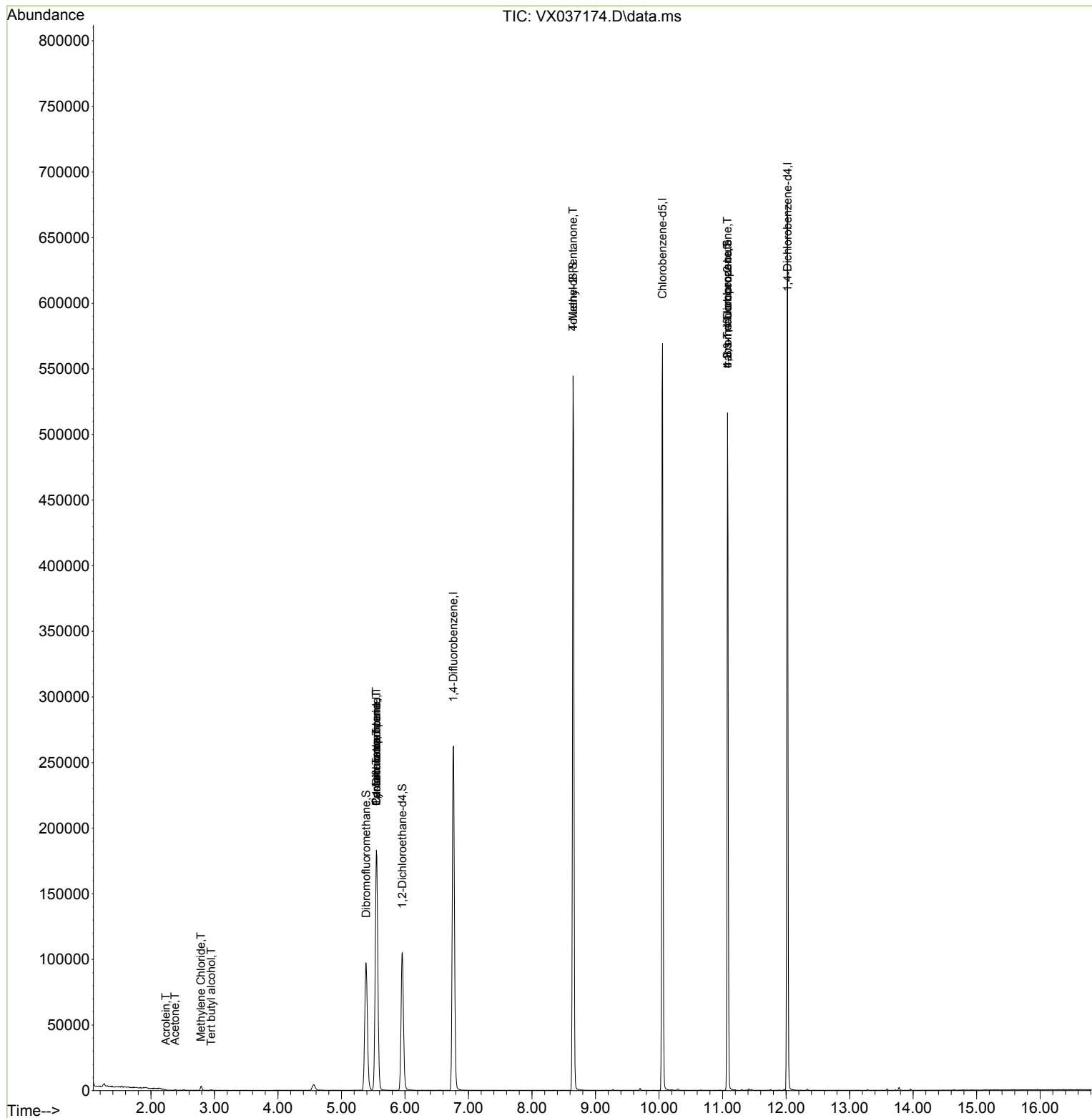
Internal Standards						
1) Pentafluorobenzene	5.550	168	169650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	279065	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	264356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137441	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106040	43.356	ug/l	0.00
Spiked Amount	50.000	Range 78 - 117	Recovery	=	86.720%	
35) Dibromofluoromethane	5.385	113	86011	46.538	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	93.080%	
50) Toluene-d8	8.647	98	329652	49.172	ug/l	0.00
Spiked Amount	50.000	Range 92 - 112	Recovery	=	98.340%	
62) 4-Bromofluorobenzene	11.079	95	139569	52.975	ug/l	0.00
Spiked Amount	50.000	Range 83 - 123	Recovery	=	105.960%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	255	0.444	ug/l #	78
13) Acrolein	2.233	56	90	0.206	ug/l #	44
16) Acetone	2.380	43	556	0.581	ug/l	100
20) Methylene Chloride	2.788	84	1642	0.767	ug/l #	81
31) Cyclohexane	5.550	56	3509	1.276	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	13792	5.253	ug/l #	51
38) Carbon Tetrachloride	5.550	117	18020	6.318	ug/l #	15
51) 4-Methyl-2-Pentanone	8.647	43	1291	0.499	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	71191	24.322	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	71191	67.932	ug/l #	5

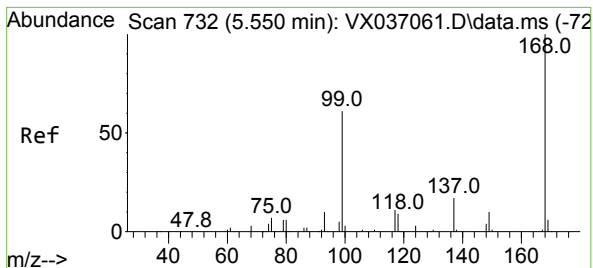
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX082323\
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Aug 24 05:28:32 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X081723W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 18 09:30:38 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.000 min

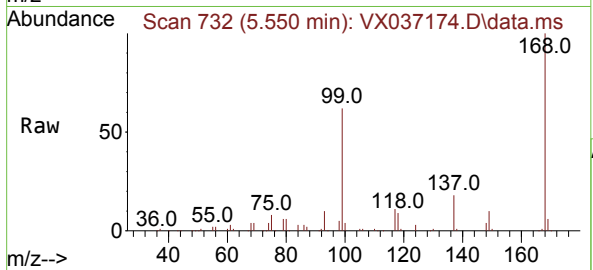
Lab File: VX037174.D

Acq: 23 Aug 2023 11:26

Instrument :

MSVOA_X

ClientSampleId :

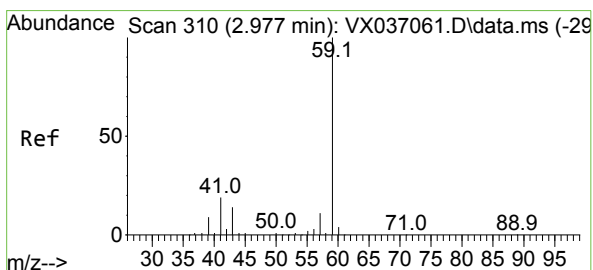
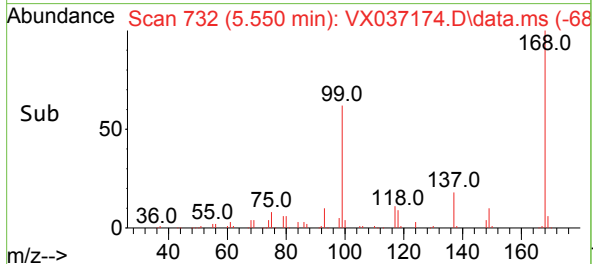
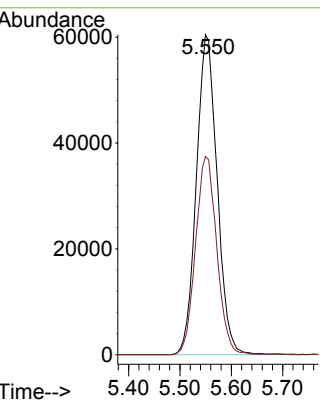


Tgt Ion:168 Resp: 169650

Ion Ratio Lower Upper

168 100

99 61.9 56.6 85.0



#11

Tert butyl alcohol

Concen: 0.444 ug/l

RT: 2.946 min Scan# 305

Delta R.T. -0.031 min

Lab File: VX037174.D

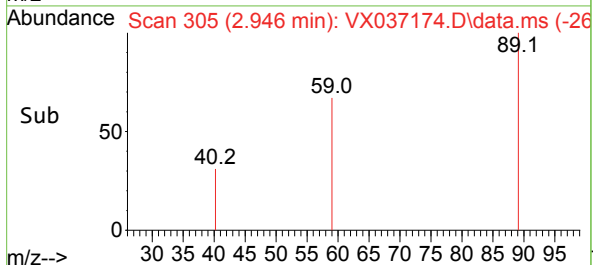
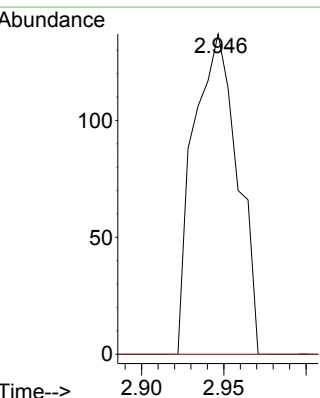
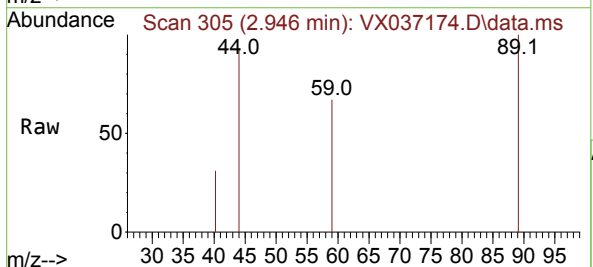
Acq: 23 Aug 2023 11:26

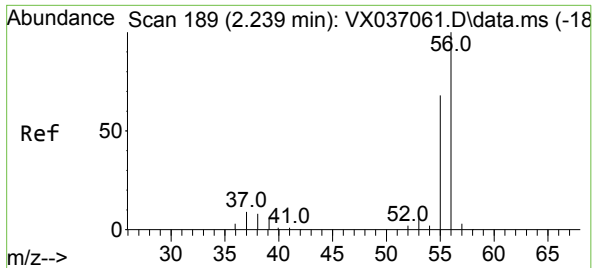
Tgt Ion: 59 Resp: 255

Ion Ratio Lower Upper

59 100

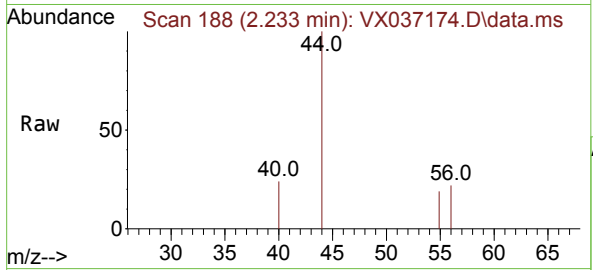
57 0.0 6.0 9.0#



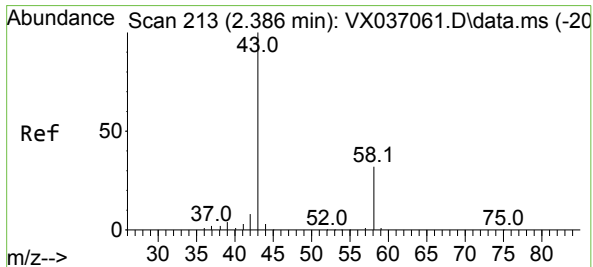
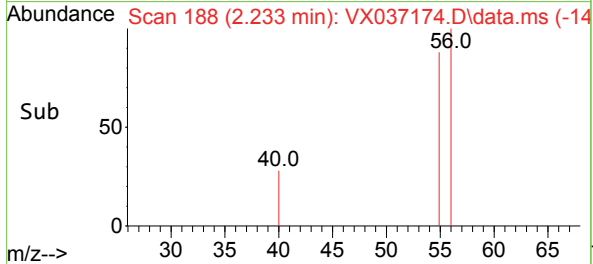
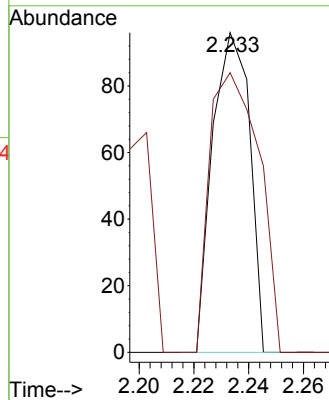


#13
Acrolein
Concen: 0.206 ug/l
RT: 2.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :

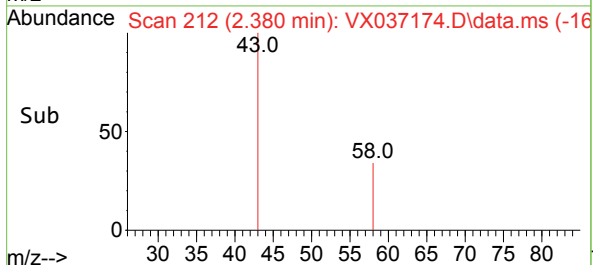
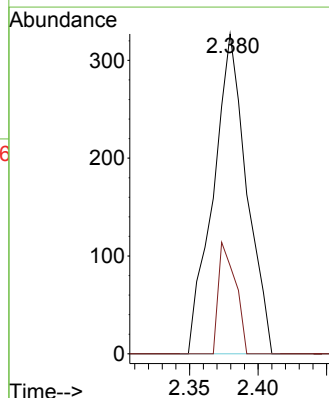
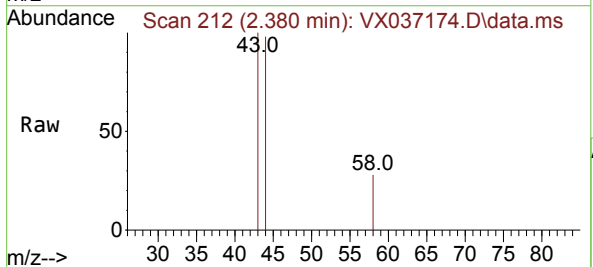


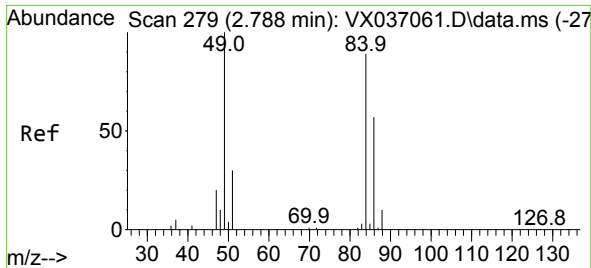
Tgt Ion: 56 Resp: 90
Ion Ratio Lower Upper
56 100
55 117.8 57.1 85.7#



#16
Acetone
Concen: 0.581 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

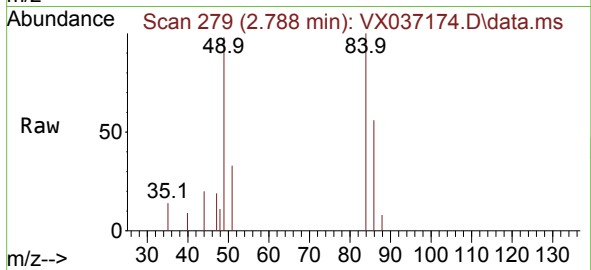
Tgt Ion: 43 Resp: 556
Ion Ratio Lower Upper
43 100
58 27.5 21.9 32.9



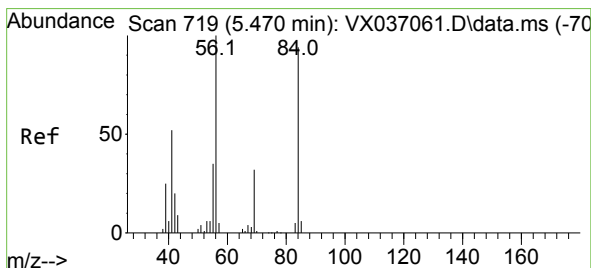
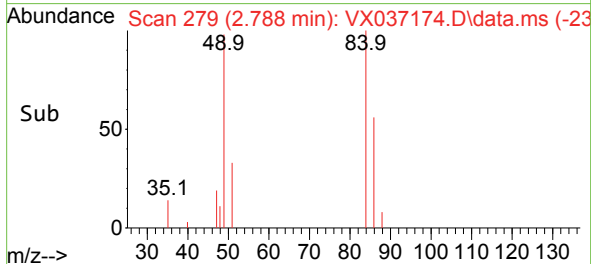
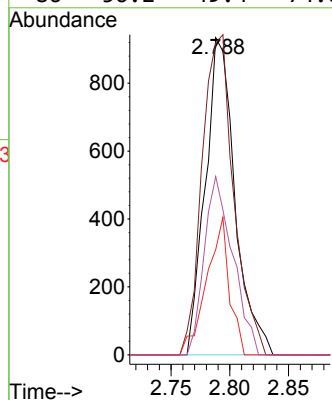


#20
Methylene Chloride
Concen: 0.767 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :

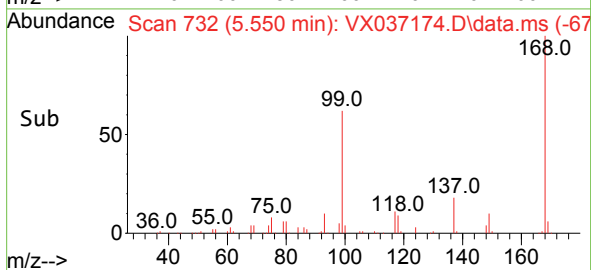
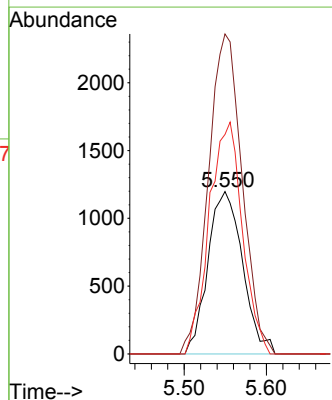
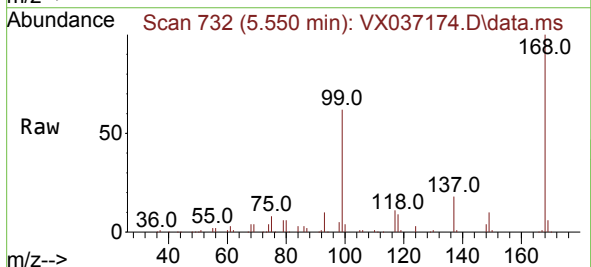


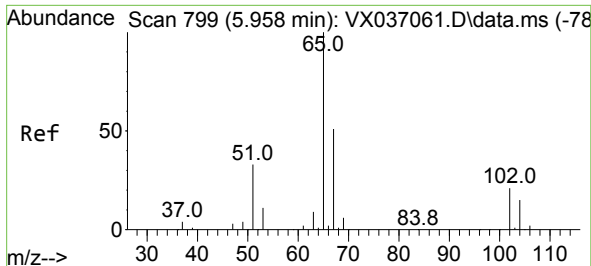
Tgt Ion:	84	Resp:	1642
Ion	Ratio	Lower	Upper
84	100		
49	98.4	103.6	155.4#
51	33.2	33.8	50.6#
86	56.2	49.4	74.0



#31
Cyclohexane
Concen: 1.276 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.079 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Tgt Ion:	56	Resp:	3509
Ion	Ratio	Lower	Upper
56	100		
69	197.0	23.4	35.2#
84	135.1	65.9	98.9#

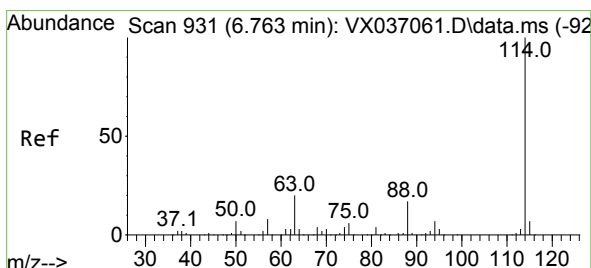
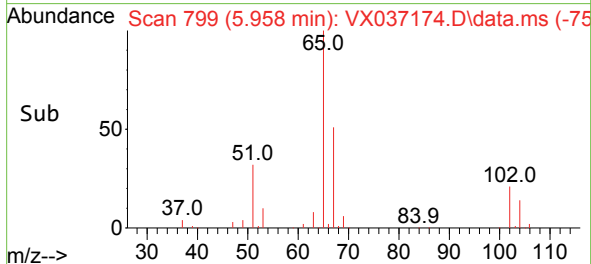
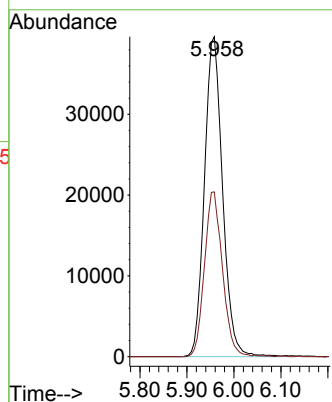
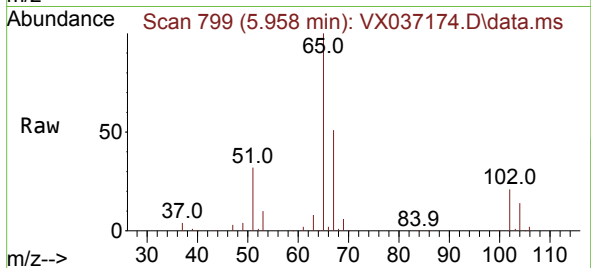




#33
 1,2-Dichloroethane-d4
 Concen: 43.356 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. -0.000 min
 Lab File: VX037174.D
 Acq: 23 Aug 2023 11:26

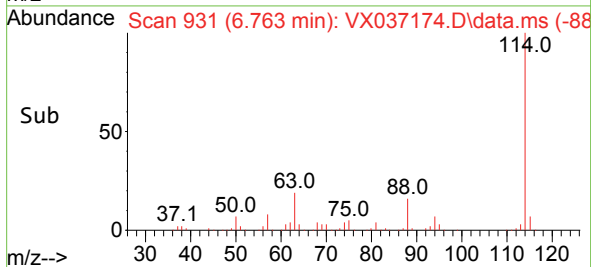
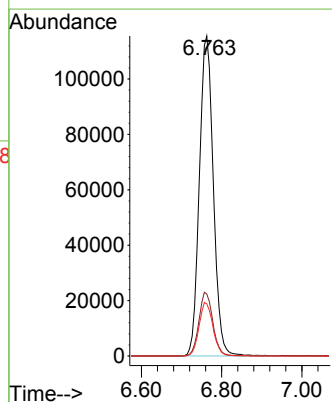
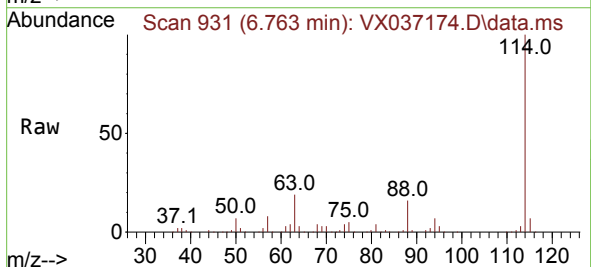
Instrument :
 MSVOA_X
 ClientSampleId :

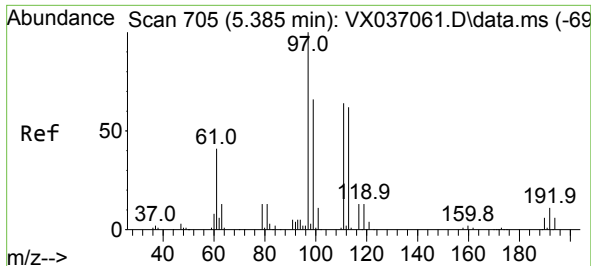
Tgt Ion: 65 Resp: 106040
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 100.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX037174.D
 Acq: 23 Aug 2023 11:26

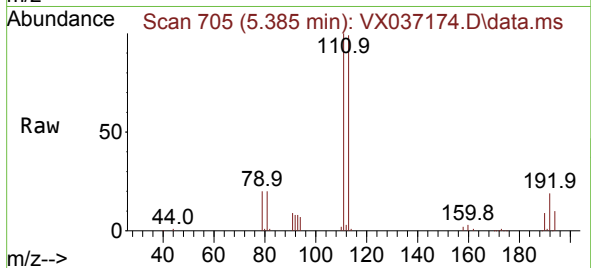
Tgt Ion: 114 Resp: 279065
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 45.0
 88 16.3 0.0 36.6



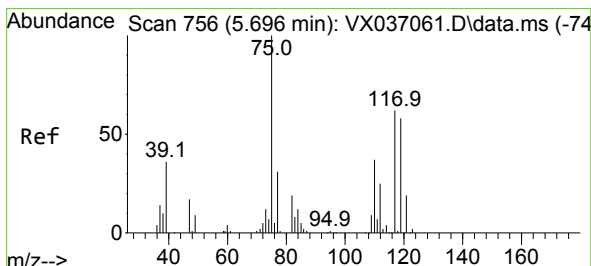
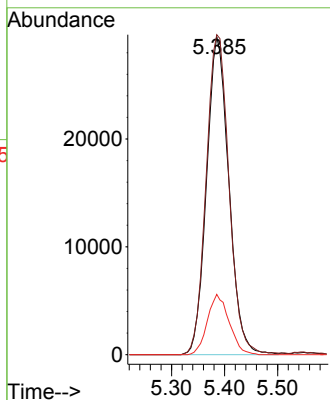
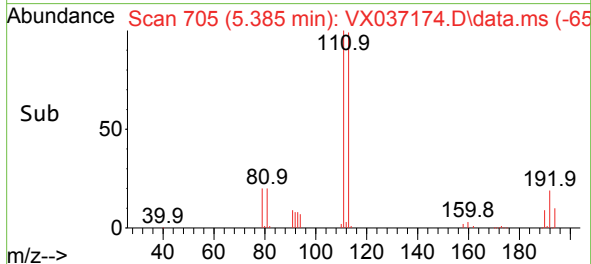


#35
Dibromofluoromethane
Concen: 46.538 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :

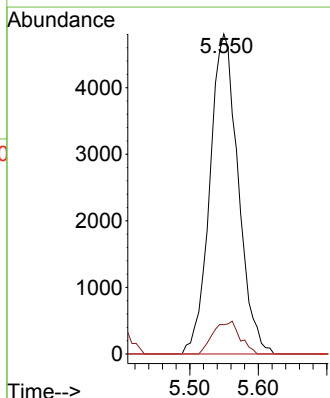
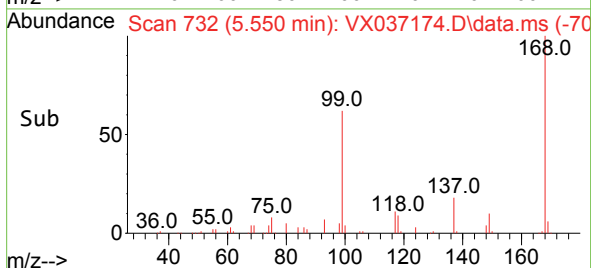
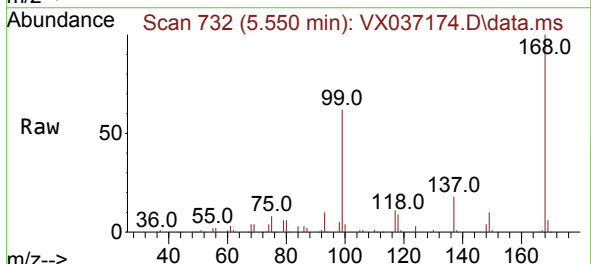


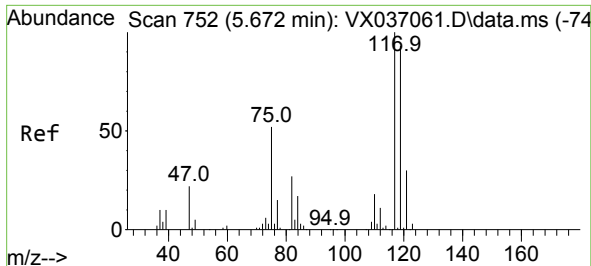
Tgt Ion:113 Resp: 86011
Ion Ratio Lower Upper
113 100
111 103.5 82.9 124.3
192 18.6 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.253 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

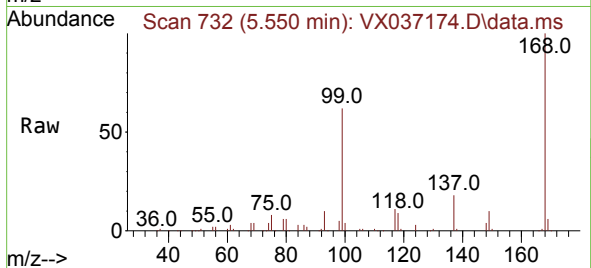
Tgt Ion: 75 Resp: 13792
Ion Ratio Lower Upper
75 100
110 9.6 17.0 50.9#
77 0.0 24.7 37.1#



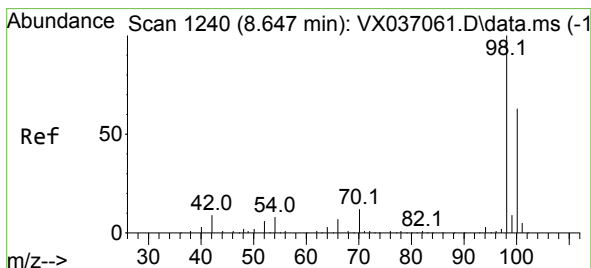
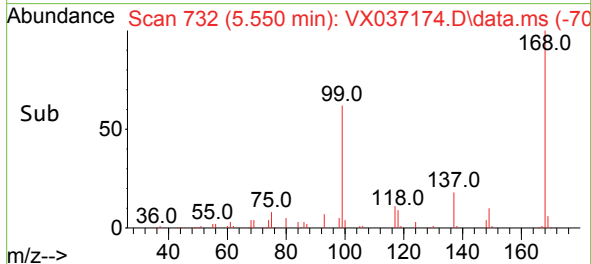
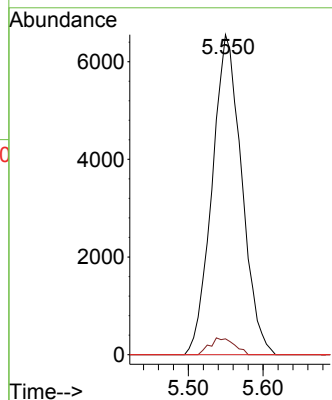


#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Instrument :
MSVOA_X
ClientSampleId :

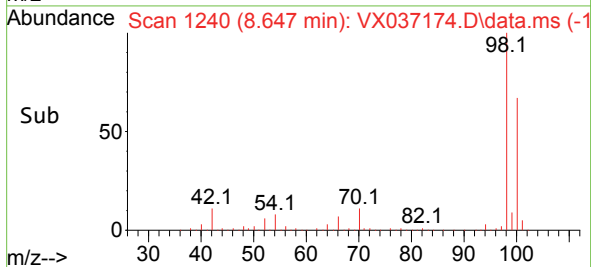
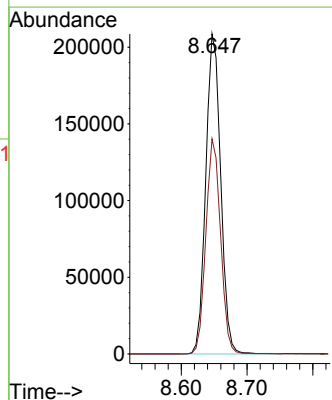
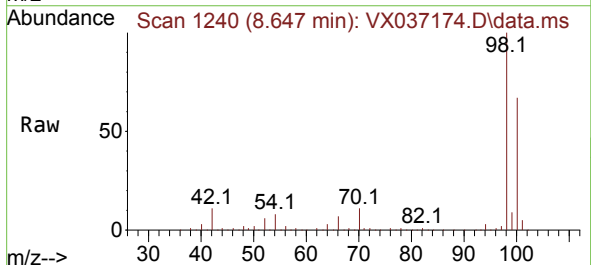


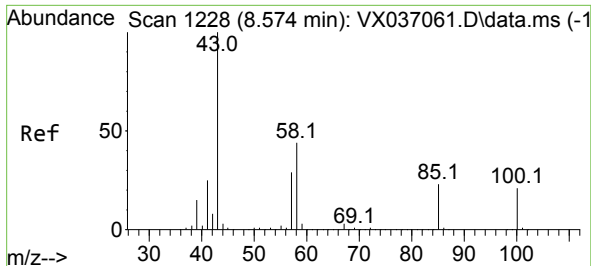
Tgt Ion:117 Resp: 18020
Ion Ratio Lower Upper
117 100
119 4.9 78.2 117.2#
121 0.0 24.4 36.6#



#50
Toluene-d8
Concen: 49.172 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Tgt Ion: 98 Resp: 329652
Ion Ratio Lower Upper
98 100
100 66.3 53.1 79.7

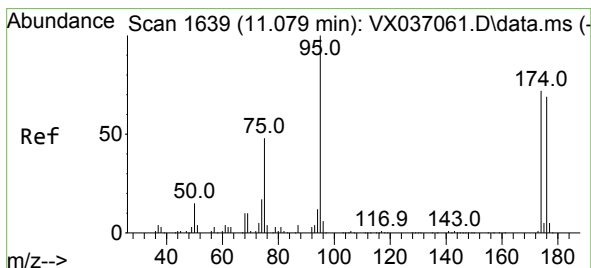
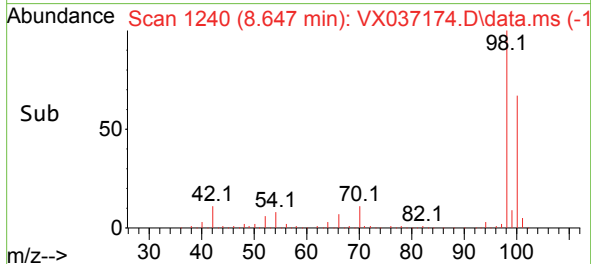
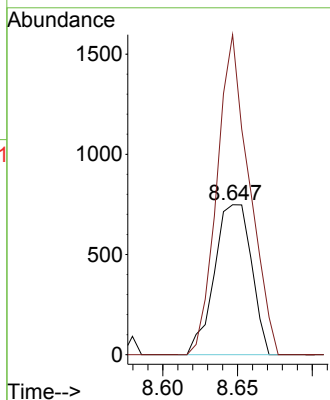
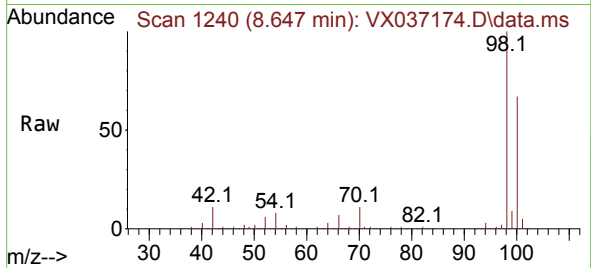




#51
4-Methyl-2-Pentanone
Concen: 0.499 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

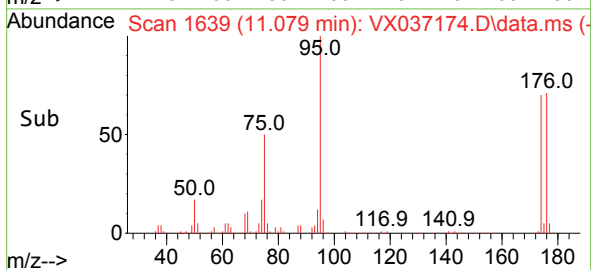
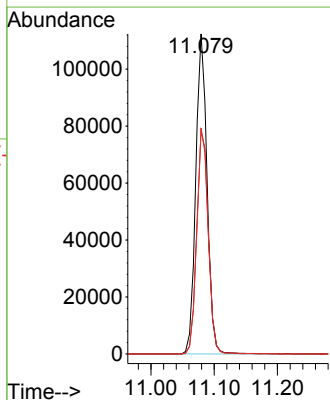
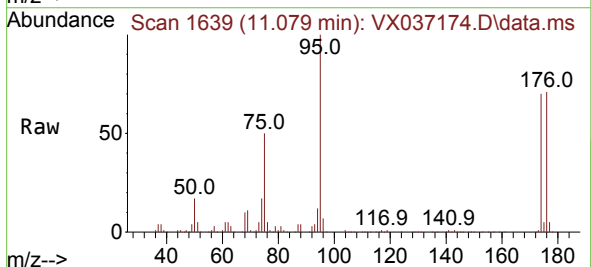
Instrument :
MSVOA_X
ClientSampleId :

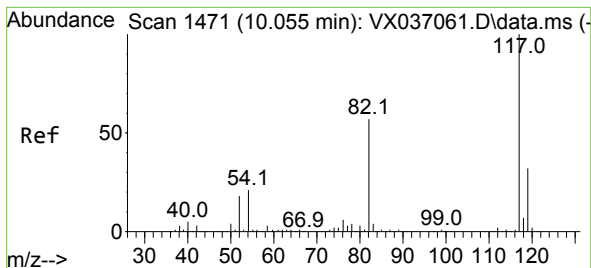
Tgt Ion: 43 Resp: 1291
Ion Ratio Lower Upper
43 100
58 185.0 30.4 45.6#



#62
4-Bromofluorobenzene
Concen: 52.975 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Tgt Ion: 95 Resp: 139569
Ion Ratio Lower Upper
95 100
174 72.0 0.0 135.6
176 71.1 0.0 131.0

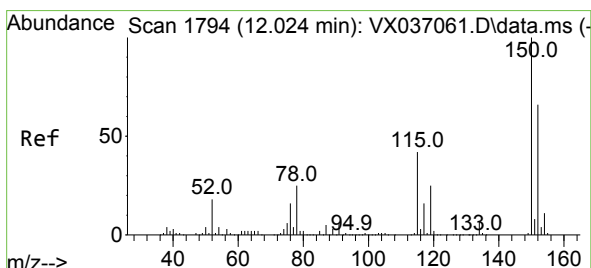
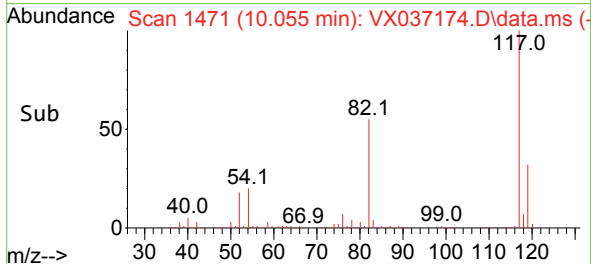
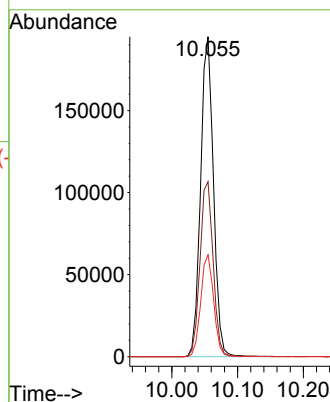
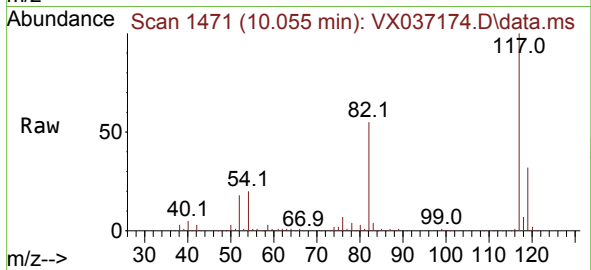




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

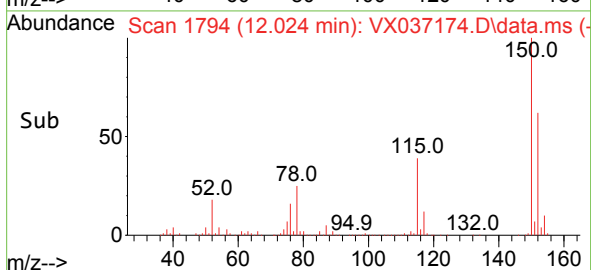
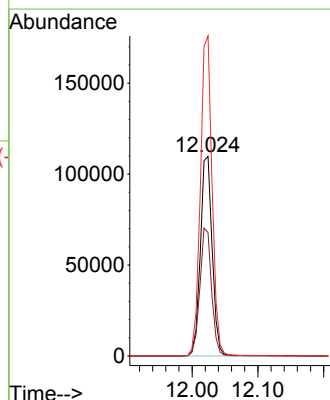
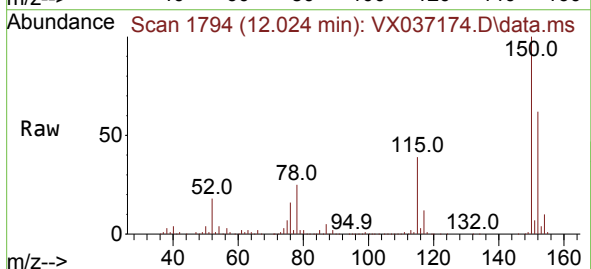
Instrument :
MSVOA_X
ClientSampleId :

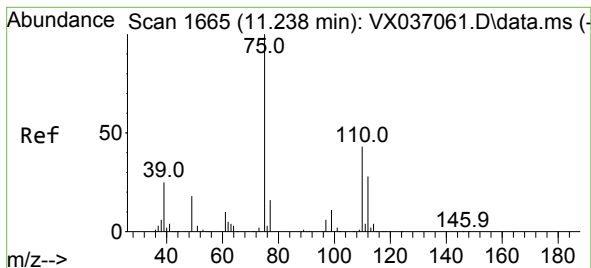
Tgt Ion:117 Resp: 264356
Ion Ratio Lower Upper
117 100
82 54.7 46.2 69.4
119 31.9 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX037174.D
Acq: 23 Aug 2023 11:26

Tgt Ion:152 Resp: 137441
Ion Ratio Lower Upper
152 100
115 63.3 43.3 129.9
150 159.1 0.0 345.0





#76

1,2,3-Trichloropropane

Concen: 24.322 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX037174.D

Acq: 23 Aug 2023 11:26

Instrument :

MSVOA_X

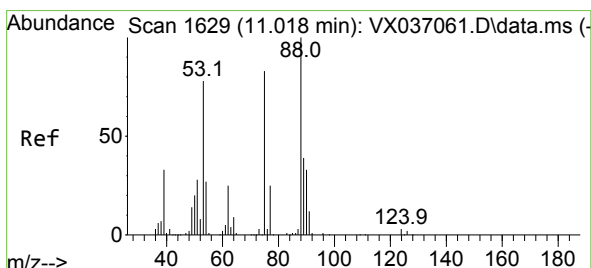
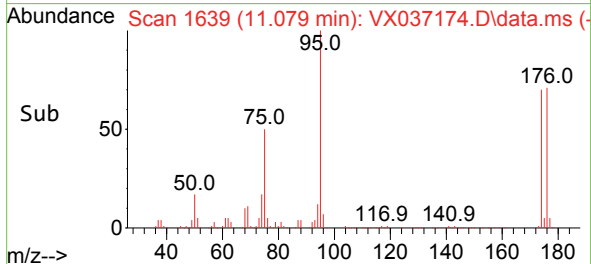
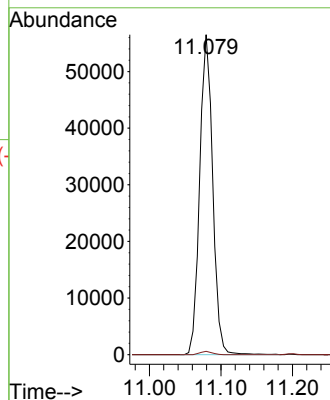
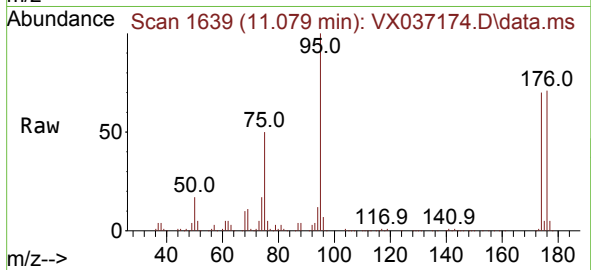
ClientSampleId :

Tgt Ion: 75 Resp: 71191

Ion Ratio Lower Upper

75 100

77 1.0 19.1 57.5#



#81

trans-1,4-Dichloro-2-butene

Concen: 67.932 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX037174.D

Acq: 23 Aug 2023 11:26

Tgt Ion: 75 Resp: 71191

Ion Ratio Lower Upper

75 100

53 0.0 90.5 135.7#

89 0.0 36.9 55.3#

